

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7835	nickel near2 alloy and ('solder' 'bump') and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L2	2578	('nickel adj cooper' 'Ni-Qu' 'NiQu')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L3	79	L1 and L2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L4	7310	Sn near2 solder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L5	12	L3 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L6	536	257/616.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L7	5238	nickel near2 alloy and copper and (V or Cr or Al or Si or Ti) and ('solder' 'bump') and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L8	2537	L7 and @pd<="20041014"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L9	485316	L8 and (copper adj solder) or (Pb-Sn solder) or (Sn solder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28

L10	2384	L8 and ((copper adj solder) or (Pb-Sn solder) or (Sn solder))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L11	2119	L7 and @pd<="20031014"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L12	2125	L7 and @pd<="20031024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L13	2019	L12 and ((copper adj solder) or (Pb-Sn solder) or (Sn solder))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L14	996	L13 and (("257"/\$.ccls.) or ("438"/\$.ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L15	1803	257/780.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L16	3342	257/737.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L17	2626	257/738.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L18	594	257/772.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L19	1434	257/779.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28

L20	491	257/e23.015.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L21	2518	257/e23.02.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L22	563	257/e23.023.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L23	1	("20070074790").PN.	US-PGPUB; USPAT	OR	OFF	2009/08/02 11:28
L24	1	L23 and (single adj phase adj metallographic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L25	1	L23 and (single adj phase adj metallographic) and (grain adj size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L26	1	L23 and (single adj phase adj metallographic) and (grain adj size) and purity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:28
L27	8818	(nikko).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:35
L28	5	I7 and I27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:36
L29	411	148/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:40
L30	174	148/427.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:40

L31	226	148/426.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:40
L32	618	(yasuhiro near yamakoshi). inv. or (ryo near suzuki).inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:42
L33	1	l32 and l7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 11:42
L36	913	(solder or bump) near5 (pad or contact) near15 (copper and (chromium or vanadium or silicon or titanium or molybdenum or nickel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 12:45
L37	554	(solder or bump) near5 (pad or contact) near15 (copper and (chromium or vanadium or silicon or titanium or molybdenum or nickel)) and @ad<="20031231"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/02 12:47

8/2/09 12:57:49 PM

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